Tightness Testing Checklist

The purpose of this form is to certify the proper tightness testing of underground storage tank (UST) systems including connected underground piping. Tightness testing shall be conducted in accordance with Chapter 173-360 WAC.

This Tightness Testing Checklist shall be completed and signed by a Licensed Tightness Testing Supervisor. The supervisor shall be on site when all tank tightness testing activities are being conducted. The firm which employs the licensed supervisor shall also be licensed by the Washington State Department of Ecology as a Service Provider.

A separate checklist must be completed for each UST system (tank and associated piping) tightness tested, except that separate UST systems tightness tested at one site may be reported together by photocopying page 2 and 3 of this form and completing these pages separately for each UST system. The completed checklist should be mailed to the following address within 30 days of completion of tightness testing:

Underground Storage Tank Section
Department of Ecology
Mail Stop PV-11
Olympia, WA 98504-8711

For further information about completing this form, please contact the Department of Ecology UST Section.

The tank owner or operator must report a failed tightness test as a suspected release to UST staff at the appropriate Ecology regional office within 24 hours.

RECEIVED
MAY 25 1994
DEPARTMENT OF ECOLOGY
CENTRAL REGION OFFICE

RECEIVED
MAY 23 1994
ECOLOGY

1. UST SYSTEM OWNER AND LOCATION

UST Owner/Operator: R H Smith

Owner's Address: PO Box 6
Street / P.O. Box

Grandview, WA 98930
City / State / Zip+4 (required)

Telephone: 509-886-3377

Site ID Number (on invoice or available from Ecology if tank is registered):

Site/Business Name: Smitty's Conoco #140

Site Address: 120 E. Toppenish Ave.
Street / County

Toppenish, WA
City / State / Zip+4 (required)

2. TIGHTNESS TESTING PERFORMED BY:

Firm: NORTHWEST TANK & ENVIROMENTAL SERVICES

Service Provider License Number: 5001968

Address: 12303 CYRUS WAY
Street / P.O. Box

MUKILTEO WA 98275
City / State / Zip+4 (required)

Telephone: (206) 742-4944

Licensed Supervisor: George Peacock

Supervisor License Number: W000658

Sections 3, 4 and 5 must be completed separately for each tank and associated piping tested at the site. For additional tanks you may photocopy this form prior to completing.

3. TANK AND TESTING INFORMATION

1. Tank ID Number (as registered with Ecology): _____
2. Date installed: UKN
3. Tank capacity in gallons: 4000
4. Date of tightness test: 3-30-94
5. Last substance stored: Super unld
6. Is tank compartmentalized? NO
7. Tank is: ✓ single wall ____ double wall
8. Reason for conducting tightness test:
   - ✓ To comply with leak detection requirements in UST rules
   - ____ To bring temporarily closed tank back into service
   - ____ Tank or piping repair
   - ____ Other (describe) _____
9. Type of test conducted:
   - ____ Tank tightness test only
   - ____ Line tightness test only
   - ✓ Tank and lines tested separately
   - ____ Total system test (tank and lines tested together)
10. Test method type:
    - ____ Overfill
    - ✓ Underfill volumetric
    - ____ Nonvolumetric

Test method name/version UST 2000 1.2

Test method manufacture US TEST

12. If a tank tightness test was conducted, indicate the percentage of tank volume that was filled with product during the test: 25/25

> Note: A tank must be tested up to the product level limited by the overfill prevention device. If an overfill prevention device is not installed, a tank must be tested *up to the 95% full level*. When underfill volumetric testing methods are used, the tank must be: 1) filled with product to the 95% full level or 2) the portion of the tank above the product level must be tested using a nonvolumetric method which meets performance standards, for tightness testing.

13. Indicate the method used to determine if groundwater was present above the bottom of the tank during the test (for single wall tanks): Ledged

4. CHECKLIST

The following items shall be initialed by the licensed supervisor whose signature appears below.

	Yes	No	NA*
1. Has the tightness testing method used been demonstrated to meet the performance standard specified in the UST rules for the conditions under which the test was conducted? (e.g., detecting a 0.10 gallon per hour leak rate with probability of detection of at least 95% and a probability of false alarm of no more than 5%) *Note: A copy of Ecology's policy for demonstrating that leak detection methods meet performance standards may be obtained by contacting Ecology's UST section in Olympia.*	✓		
2. Have all written testing procedures developed by the manufacturer of the testing equipment and method been followed while the test was being set up and conducted?	✓		
3. Was the product level in the tank during the test within the limitations stated in the evaluation results used to demonstrate that the tightness test method meets performance standards?	✓		
4. Was the waiting period between the addition of product to the tank and the beginning of the test at or above the minimum waiting period stated in the evaluation results?	✓		
5. If groundwater was present above the bottom of the tank, have the testing procedures accounted for its presence? (for single wall tanks)			✓
6. Have any loose fittings at the top of the tank been either tightened prior to beginning the test or accounted for when conducting the test and evaluating test results? (Applies to overfill methods only) *Exception: Interstitial space fitting on double wall tank should remain loose during test for interstitial space to vent to atmosphere.*			✓
7. Have all vapor pockets either been removed prior to beginning the test or otherwise accounted for when conducting the test and evaluating test results?			✓
8. Based on evaluating test results and conducting any retesting as necessary to obtain conclusive test results, the tightness test is: ✓ Passed ____ Failed Note: Inconclusive test results will not be considered as a valid tightness test for purposes of complying with UST release detection regulations.			
9. If the tightness test is considered a failed test, has the owner/operator been notified of the test results? Note: The tank owner or operator must report a failed tightness test as a suspected release to UST staff at the appropriate Ecology regional office within 24 hours of being notified by the testing firm that a failed tightness test has occurred.			
10. If a failed test has occurred, results indicate that there is a leak in the: ____ Tank ____ Piping System If known, the leak rate is: ____ gallons per hour			

*Item not applicable

I hereby certify that I have been the licensed supervisor present during the above listed tightness testing activities and to the best of my knowledge they have been conducted in compliance with all applicable state and federal laws, regulations and procedures pertaining to underground storage tanks.

Persons submitting false information are subject to penalties under Chapter 173-360 WAC.

3-30-94 Date — Signature of Licensed Supervisor

5. ADDITIONAL REQUIRED SIGNATURES

4-1-94 Date — Freda Sykes Signature of Licensed Service Provider firm (owner or person with signature authority)

Date — Signature of Tank Owner or Authorized Representative

Tightness Testing Checklist

The purpose of this form is to certify the proper tightness testing of underground storage tank (UST) systems including connected underground piping. Tightness testing shall be conducted in accordance with Chapter 173-360 WAC.

This Tightness Testing Checklist shall be completed and signed by a Licensed Tightness Testing Supervisor. The supervisor shall be on site when all tank tightness testing activities are being conducted. The firm which employs the licensed supervisor shall also be licensed by the Washington State Department of Ecology as a Service Provider.

A separate checklist must be completed for each UST system (tank and associated piping) tightness tested, except that separate UST systems tightness tested at one site may be reported together by photocopying page 2 and 3 of this form and completing these pages separately for each UST system. The completed checklist should be mailed to the following address within 30 days of completion of tightness testing:

Underground Storage Tank Section
Department of Ecology
Mail Stop PV-11
Olympia, WA 98504-8711

For further information about completing this form, please contact the Department of Ecology UST Section.

The tank owner or operator must report a failed tightness test as a suspected release to UST staff at the appropriate Ecology regional office within 24 hours.

1. UST SYSTEM OWNER AND LOCATION

UST Owner/Operator: R H Smith

Owners Address: P.O. Box 6
Street / P.O. Box

Grand View, Wash 98930
City / State / Zip+4 (required)

Telephone: 509-886-3377

Site ID Number (on invoice or available from Ecology if tank is registered):

Site/Business Name: Smitty's Conoco #140

Site Address: 120 E Toppenish Ave
Street / County

Toppenish, Wash
City / State / Zip+4 (required)

2. TIGHTNESS TESTING PERFORMED BY:

Firm: NORTHWEST TANK & ENVIROMENTAL SERVICES

Service Provider License Number: 5001968

Address: 12303 CYRUS WAY
Street / P.O. Box

MUKILTEO WA 98275
City / State / Zip+4 (required)

Telephone: (206) 742-4944

Licensed Supervisor: George Pearce

Supervisor License Number: W00658

Sections 3, 4 and 5 must be completed separately for each tank and associated piping tested at the site. For additional tanks you may photocopy this form prior to completing.

3. TANK AND TESTING INFORMATION

1. Tank ID Number (as registered with Ecology): _____
2. Date installed: _____
3. Tank capacity in gallons: 4000
4. Date of tightness test: 3-30-94
5. Last substance stored: Unleaded
6. Is tank compartmentalized? no

7. Tank is: ✓ single wall ____ double wall

8. Reason for conducting tightness test:

- ✓ To comply with leak detection requirements in UST rules
- ____ To bring temporarily closed tank back into service
- ____ Tank or piping repair
- ____ Other (describe) _____

9. Type of test conducted:

- ____ Tank tightness test only
- ____ Line tightness test only
- ✓ Tank and lines tested separately
- ____ Total system test (tank and lines tested together)

10. Test method type:

- ____ Overfill
- ✓ Underfill volumetric
- ____ Nonvolumetric

Test method name/version: Horn' 2000/P

Test method manufacturer: USTest

12. If a tank tightness test was conducted, indicate the percentage of tank volume that was filled with product during the test: 65/35

> Note: A tank must be tested up to the product level limited by the overfill prevention device. If an overfill prevention device is not installed, a tank must be tested *up to the 95% full level.* When underfill volumetric testing methods are used, the tank must be: 1) filled with product to the 95% full level or 2) the portion of the tank above the product level must be tested using a nonvolumetric method which meets performance standards, for tightness testing.

13. Indicate the method used to determine if groundwater was present above the bottom of the tank during the test (for single wall tanks): Ledgend

4. CHECKLIST

The following items shall be initialed by the licensed supervisor whose signature appears below.

	Yes	No	NA*
1. Has the tightness testing method used been demonstrated to meet the performance standard specified in the UST rules for the conditions under which the test was conducted? (e.g., detecting a 0.10 gallon per hour leak rate with probability of detection of at least 95% and a probability of false alarm of no more than 5%) *Note: A copy of Ecology's policy for demonstrating that leak detection methods meet performance standards may be obtained by contacting Ecology's UST section in Olympia.*	✓		
2. Have all written testing procedures developed by the manufacturer of the testing equipment and method been followed while the test was being set up and conducted?	✓		
3. Was the product level in the tank during the test within the limitations stated in the evaluation results used to demonstrate that the tightness test method meets performance standards?	✓		
4. Was the waiting period between the addition of product to the tank and the beginning of the test at or above the minimum waiting period stated in the evaluation results?	✓		
5. If groundwater was present above the bottom of the tank, have the testing procedures accounted for its presence? (for single wall tanks)			✓
6. Have any loose fittings at the top of the tank been either tightened prior to beginning the test or accounted for when conducting the test and evaluating test results? (Applies to overfill methods only) *Exception: Interstitial space fitting on double wall tank should remain loose during test for interstitial space to vent to atmosphere.*			✓
7. Have all vapor pockets either been removed prior to beginning the test or otherwise accounted for when conducting the test and evaluating test results?			✓
8. Based on evaluating test results and conducting any retesting as necessary to obtain conclusive test results, the tightness test is: ✓ Passed ____ Failed Note: Inconclusive test results will not be considered as a valid tightness test for purposes of complying with UST release detection regulations.			
9. If the tightness test is considered a failed test, has the owner/operator been notified of the test results? Note: The tank owner or operator must report a failed tightness test as a suspected release to UST staff at the appropriate Ecology regional office within 24 hours of being notified by the testing firm that a failed tightness test has occurred.			
10. If a failed test has occurred, results indicate that there is a leak in the: ____ Tank ____ Piping System If known, the leak rate is: ____ gallons per hour			

*Item not applicable

I hereby certify that I have been the licensed supervisor present during the above listed tighness testing activities and to the best of my knowledge they have been conducted in compliance with all applicable state and federal laws, regulations and procedures pertaining to underground storage tanks.

Persons submitting false information are subject to penalties under Chapter 173-360 WAC.

3-30-94 — Date

Glenn M. Blaine (signature) — Signature of Licensed Supervisor

5. ADDITIONAL REQUIRED SIGNATURES

4-1-94 — Date

Freda Sykes (signature) — Signature of Licensed Service Provider firm (owner or person with signature authority)

____ Date

____ Signature of Tank Owner or Authorized Representative

Tightness Testing Checklist

The purpose of this form is to certify the proper tightness testing of underground storage tank (UST) systems including connected underground piping. Tightness testing shall be conducted in accordance with Chapter 173-360 WAC.

This Tightness Testing Checklist shall be completed and signed by a Licensed Tightness Testing Supervisor. The supervisor shall be on site when all tank tightness testing activities are being conducted. The firm which employs the licensed supervisor shall also be licensed by the Washington State Department of Ecology as a Service Provider.

A separate checklist must be completed for each UST system (tank and associated piping) tightness tested, except that separate UST systems tightness tested at one site may be reported together by photocopying page 2 and 3 of this form and completing these pages separately for each UST system. The completed checklist should be mailed to the following address within 30 days of completion of tightness testing:

Underground Storage Tank Section
Department of Ecology
Mail Stop PV-11
Olympia, WA 98504-8711

For further information about completing this form, please contact the Department of Ecology UST Section.

The tank owner or operator must report a failed tightness test as a suspected release to UST staff at the appropriate Ecology regional office within 24 hours.

1. UST SYSTEM OWNER AND LOCATION

UST Owner/Operator: RH Smith

Owners Address: PO Box 6
Street P.O. Box

Grandview, WA 98930
City State Zip+4 (required)

Telephone: 509-886-3377

Site ID Number (on invoice or available from Ecology if tank is registered):

Site/Business Name: Smitty's Conoco #140

Site Address: 120 E. Toppenish Ave.
Street County

Toppenish, WA
City State Zip+4 (required)

2. TIGHTNESS TESTING PERFORMED BY:

Firm: NORTHWEST TANK & ENVIROMENTAL SERVICES

Service Provider License Number: 5001968

Address: 12303 CYRUS WAY
Street P.O. Box

MUKILTEO WA 98275
City State Zip+4 (required)

Telephone: (206) 742-4944

Licensed Supervisor: George Pencock

Supervisor License Number: W000658

Sections 3, 4 and 5 must be completed separately for each tank and associated piping tested at the site. For additional tanks you may photocopy this form prior to completing.

3. TANK AND TESTING INFORMATION

1. Tank ID Number (as registered with Ecology): _____
2. Date installed: _____
3. Tank capacity in gallons: 6000
4. Date of tightness test: 3-30-94
5. Last substance stored: Regular
6. Is tank compartmentalized? No

7. Tank is: ✓ single wall ___ double wall

8. Reason for conducting tightness test:

- ✓ To comply with leak detection requirements in UST rules
- ___ To bring temporarily closed tank back into service
- ___ Tank or piping repair
- ___ Other (describe) _____

9. Type of test conducted:

- ___ Tank tightness test only
- ___ Line tightness test only
- ✓ Tank and lines tested separately
- ___ Total system test (tank and lines tested together)

10. Test method type:

- ___ Overfill
- ✓ Underfill volumetric
- ___ Nonvolumetric

Test method name/version 421 21400.F

Test method manufacturer US TEST

12. If a tank tightness test was conducted, indicate the percentage of tank volume that was filled with product during the test: 60/40

> Note: A tank must be tested up to the product level limited by the overfill prevention device. If an overfill prevention device is not installed, a tank must be tested *up to the 95% full level*. When underfill volumetric testing methods are used, the tank must be: 1) filled with product to the 95% full level or 2) the portion of the tank above the product level must be tested using a nonvolumetric method which meets performance standards, for tightness testing.

13. Indicate the method used to determine if groundwater was present above the bottom of the tank during the test (for single wall tanks): Ledgend

4. CHECKLIST

The following items shall be initialed by the licensed supervisor whose signature appears below.

	Yes	No	NA*
1. Has the tightness testing method used been demonstrated to meet the performance standard specified in the UST rules for the conditions under which the test was conducted? (e.g., detecting a 0.10 gallon per hour leak rate with probability of detection of at least 95% and a probability of false alarm of no more than 5%) *Note: A copy of Ecology's policy for demonstrating that leak detection methods meet performance standards may be obtained by contacting Ecology's UST section in Olympia.*	✓		
2. Have all written testing procedures developed by the manufacturer of the testing equipment and method been followed while the test was being set up and conducted?	✓		
3. Was the product level in the tank during the test within the limitations stated in the evaluation results used to demonstrate that the tightness test method meets performance standards?	✓		
4. Was the waiting period between the addition of product to the tank and the beginning of the test at or above the minimum waiting period stated in the evaluation results?	✓		
5. If groundwater was present above the bottom of the tank, have the testing procedures accounted for its presence? (for single wall tanks)			✓
6. Have any loose fittings at the top of the tank been either tightened prior to beginning the test or accounted for when conducting the test and evaluating test results? (Applies to overfill methods only) *Exception: Interstitial space fitting on double wall tank should remain loose during test for interstitial space to vent to atmosphere.*			✓
7. Have all vapor pockets either been removed prior to beginning the test or otherwise accounted for when conducting the test and evaluating test results?			✓
8. Based on evaluating test results and conducting any retesting as necessary to obtain conclusive test results, the tightness test is: ✓ Passed ___ Failed Note: Inconclusive test results will not be considered as a valid tightness test for purposes of complying with UST release detection regulations.			
9. If the tightness test is considered a failed test, has the owner/operator been notified of the test results? Note: The tank owner or operator must report a failed tightness test as a suspected release to UST staff at the appropriate Ecology regional office within 24 hours of being notified by the testing firm that a failed tightness test has occurred.			
10. If a failed test has occurred, results indicate that there is a leak in the: ___ Tank ___ Piping System If known, the leak rate is: _____ gallons per hour			

*Item not applicable

I hereby certify that I have been the licensed supervisor present during the above listed tightness testing activities and to the best of my knowledge they have been conducted in compliance with all applicable state and federal laws, regulations and procedures pertaining to underground storage tanks.

Persons submitting false information are subject to penalties under Chapter 173-360 WAC.

3-30-94 — Date

Signature of Licensed Supervisor

5. ADDITIONAL REQUIRED SIGNATURES

4-1-94 — Date

Freda Sykes — Signature of Licensed Service Provider firm (owner or person with signature authority)

Date

Signature of Tank Owner or Authorized Representative